

# Jungbunzlauer

JUNGBUNZLAUER

## MATERIAL SAFETY DATA SHEET

PAGE: 1

DATE:

REV: 10/27/92

PRODUCT: SODIUM SACCHARIN, USP

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTITY: SODIUM SACCHARIN

SYNONYMS: SODIUM BENZOSULPHIMIDE; SODIUM SACCHARIDE; SODIUM SACCHARINATE; SULPHOBENZOIC IMIDE, SODIUM SALT; SOLUBLE SACCHARIN

GENERAL USE: SWEETENER

PRODUCT DESCRIPTION: HETEROCYCLIC ORGANIC

MOLECULAR FORMULA:  $C_7H_4NNaO_3 \cdot 5.2H_2O$  MOLECULAR WEIGHT: 205.17MANUFACTURER/DISTRIBUTOR:  
DISTRIBUTOR:JUNGBUNZLAUER INC.  
75 WELLS AVENUE  
NEWTON CENTRE, MA 02159 - 3214MANUFACTURER:  
SHANGHAI NO.6 PHARM. FACTORY  
ZHENNAN ROAD  
TAOPU INDUSTRIAL DISTRICTS  
SHANGHAI, CHINAEMERGENCY CONTACT AND PHONE NUMBER:  
JOHN M. QUINN (617) 969-0901

CHEMTREC 800-424-9300

## 2. COMPOSITION/ INFORMATION ON INGREDIENTS

	<u>i</u>	<u>CAS NO.</u>	<u>EXPOSURE LIMITS</u> (ACGIH, OSHA, NIOSH)
SODIUM SACCHARIN	100	128-44-9	NONE ESTABLISHED

## 3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: WHITE CRYSTALS OR CRYSTALLINE POWDER WITH FAINT AROMATIC ODOR .  
EFFLORESCENT.  
CARCINOGEN.

## POTENTIAL HEALTH EFFECTS:

INHALATION: NO DATA AVAILABLE.

EYE CONTACT: NO DATA AVAILABLE.

SKIN CONTACT: NO DATA AVAILABLE.

INGESTION: INGESTION OF LARGE QUANTITIES MAY CAUSE NAUSEA, VOMITING, AND DIARRHEA.

CHRONIC: NO DATA AVAILABLE.

CARCINOGEN STATUS: POSITIVE

449295



# Jungbunzlauer

## MATERIAL SAFETY DATA SHEET

JUNGBUNZLAUER

PAGE: 2

PRODUCT: SODIUM SACCHARIN, USP.

DATE:

REV: 10/27/92

### 4. FIRST AID MEASURES

- INHALATION:** REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT GIVE OXYGEN. GET MEDICAL ATTENTION.
- EYE CONTACT:** IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE OCCASIONALLY LIFTING LIDS. IF IRRITATION DEVELOPS GET MEDICAL ATTENTION.
- SKIN CONTACT:** FLUSH SKIN WITH WATER AND WASH THOROUGHLY WITH MILD SOAP OR DETERGENT. IF IRRITATION DEVELOPS AND PERSISTS GET MEDICAL ATTENTION.
- INGESTION:** IF SWALLOWED, WASH OUT MOUTH WITH WATER. EVACUATE STOMACH WITH EMETIC OR STOMACH TUBE. GET MEDICAL ATTENTION.

### 5. FIRE FIGHTING MEASURES

FLASHPOINT : NOT AVAILABLE.  
FLAMMABLE LIMITS : NOT AVAILABLE.  
AUTOIGNITION TEMPERATURE : NOT AVAILABLE.

**GENERAL HAZARDS:** MATERIAL IS COMBUSTIBLE.  
DUST/AIR MIXTURES ARE SEVERE EXPLOSION HAZARDS.

**FIRE FIGHTING INSTRUCTIONS:** USE CARBON DIOXIDE, DRY CHEMICAL OR WATER SPRAY. SOLID STREAM MAY CAUSE SPLATTERING AND SPREAD FLAMES AND HAZARD.

**FIRE FIGHTING EQUIPMENT:** WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING AND GLOVES SHOULD BE WORN.

**HAZARDOUS DECOMPOSITION PRODUCTS:** THERMAL DECOMPOSITION RESULTS IN ACRID FUMES CONTAINING TOXIC OXIDES OF CARBON, NITROGEN, AND SULFUR.

### 6. ACCIDENTAL RELEASE MEASURES

**GENERAL:** REMOVE ALL SOURCES OF IGNITION. CAREFULLY SWEEP INTO CLOSED CONTAINERS FOR DISPOSAL ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATION. FLUSH SPILL AREA WITH WATER.

### 7. HANDLING AND STORAGE

**STORAGE TEMPERATURE:** AMBIENT

**STORAGE PRESSURE:** ATMOSPHERIC

**GENERAL:** AVOID BREATHING DUST AND CONTACT WITH EYES, SKIN AND CLOTHING.  
STORE IN COOL, DRY AREA IN TIGHTLY CLOSED CONTAINERS AWAY FROM HEAT, STRONG OXIDIZERS AND OUT OF DIRECT SUNLIGHT.

# Jungbunzlauer

## MATERIAL SAFETY DATA SHEET

JUNGBUNZLAUER

PAGE: 3

PRODUCT: SODIUM SACCHARIN, USP

DATE:

REV: 10/27/92

### 7. HANDLING & STORAGE (CONTINUED)

EMPTY CONTAINERS: EMPTIED CONTAINERS RETAIN PRODUCT VAPORS AND RESIDUE. OBSERVE ALL LABEL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED. DO NOT CUT, DRILL, OR WELD ON OR NEAR THIS CONTAINER. DO NOT REUSE UNLESS PROFESSIONALLY CLEANED.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: EXPLOSION PROOF MECHANICAL EXHAUST GENERAL VENTILATION WITH LOCAL DUST EXHAUST SYSTEM AT POINT OF USE. EYE-WASH FOUNTAIN AND SAFETY SHOWER SHOULD BE AVAILABLE TO WORK AREA.

#### PERSONAL PROTECTION:

GENERAL: NIOSH APPROVED DUST RESPIRATOR, SPLASH-PROOF GOGGLES IMPERVIOUS GLOVES SHOULD BE WORN TO PREVENT INHALATION OF DUST AND SKIN AND EYE CONTACT.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE:	NOT APPLICABLE	VAPOR DENSITY: NOT APPLICABLE
BULK DENSITY:	57 - 60 LBS/ft <sup>3</sup>	(AIR = 1)
SOLUBILITY IN WATER:	VERY SOLUBLE	EVAPORATION RATE: NOT APPLICABLE
pH:	NOT KNOWN	(n-BUTYL ACETATE - 1)
BOILING POINT:	>300C (DECOMPOSES)	MELTING POINT: 230C.
VISCOSITY:	NOT APPLICABLE	

### 10. STABILITY AND REACTIVITY

GENERAL: STABLE AT NORMAL TEMPERATURE AND PRESSURES. HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION: THERMAL DECOMPOSITION RESULTS IN ACRID FUMES, CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN, SODIUM AND SULFUR.

### 11. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION):

SODIUM SACCHARIN HAS A REPORTABLE QUANTITY OF 100 LBS. IF 100 LBS. OR MORE IS IN ONE CONTAINER THE FOLLOWING SHIPPING DESCRIPTION IS TO BE USED:

SHIPPING NAME: HAZARDOUS SUBSTANCE, SOLID, N.O.S. (SODIUM SACCHARIN)  
HAZARD CLASS: 9  
UN ID NUMBER: UN 3077  
PACKAGING GROUP: III

# Jungbunzlauer

**MATERIAL SAFETY DATA SHEET****JUNGBUNZLAUER****PRODUCT: SODIUM SACCHARIN, USP****PAGE: 4****DATE:****REV: 10/27/92****12. REGULATORY INFORMATION**

**TSCA (TOXIC SUBSTANCE CONTROL ACT):**  
**SODIUM SACCHARIN IS LISTED ON THE TSCA INVENTORY**

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):**  
**RATINGS: HEALTH- 3 FIRE- 0 REACTIVITY- 0 PERSISTENCE- U**

**(U - UNKNOWN)**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION BILL):**  
**SECTION 304 - REPORT REQUIRED.**

**13. OTHER INFORMATION**

**HMIS RATINGS: HEALTH - 3 FIRE - 0 REACTIVITY - 0**  
**REASON FOR REVISION: UPDATE TO NEW FORMAT.**

**INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE. HOWEVER, IT IS PROVIDED SOLELY FOR THE CUSTOMER'S CONSIDERATION, INVESTIGATION AND VERIFICATION.**

**JUNGBUNZLAUER INC. HEREBY SPECIFICALLY DISCLAIMS ANY AND ALL WARRANTIES EXPRESSED OR IMPLIED, REGARDING THE ACCURACY AND COMPLETENESS OF SUCH INFORMATION, AND MAKES NO REPRESENTATION WITH RESPECT THERETO.**